

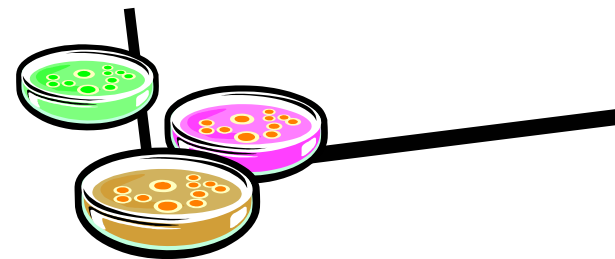
PROGRAM DESCRIPTION

Reliable antimicrobial susceptibility testing (AST) is becoming increasingly complex in this era of emerging resistance among a variety of bacterial pathogens. Resistant bacteria know no boundaries and can be encountered in large and small healthcare facilities and sometimes in a community. This updated intermediate level workshop will examine current (2004) NCCLS AST recommendations and the application of these from a "bench" perspective. Emphasis will be placed on detecting resistance among Enterobacteriaceae, *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Enterococcus* spp., *Streptococcus pneumoniae*, and a variety of other organisms. Case studies will be used to illustrate contemporary resistance concerns and laboratory testing and reporting issues. During this comprehensive program, attendees will be given the information required to be competent in the performance, interpretation and reporting of results, and quality control for routine AST. This program is appropriate for laboratory testing personnel in clinical, reference and public health laboratories. A comprehensive handout will be provided.



The NLTN is a training system sponsored by the Association of Public Health Laboratories (APHL) and the Centers for Disease Control and Prevention (CDC).

NLTN Nashville Office
P. O. Box 160385
Nashville, TN 37216-0385



Antibacterial Susceptibility Testing: Optimizing Use of NCCLS Standards, Tools for Performing Competently and More!

Gulfport, MS
September 28, 2004

Jackson, MS
September 29, 2004

Tupelo, MS
October 1, 2004



Cosponsored by:
National Laboratory Training
Network
and
Mississippi State Department of
Health, Public Health
Laboratory

OBJECTIVES

At the conclusion of this workshop, participants will be able to:

- Explain how to implement current NCCLS antimicrobial susceptibility testing and reporting recommendations.
- Discuss reliable methods for detecting resistance among commonly encountered pathogens that are the most important from a clinical and public health perspective.
- List results obtained from testing patient's isolates that should be verified prior to reporting as part of quality assessment.
- Describe quality control recommendations for AST and accrediting agency requirements for quality assurance of AST.
- Discuss documentation of competency for AST testing personnel.

FACULTY

Janet Hindler, MCLS, MT(ASCP), F(AAM)

Ms. Hindler is a Senior Specialist in Clinical Microbiology for the Division of Pathology and Laboratory Medicine at UCLA Medical Center in Los Angeles, California. She has been involved with training on antimicrobial susceptibility testing at local, national, and international levels for several years with the Centers for Disease Control and Prevention (CDC) where her focus was on training in this area.

PROGRAM AGENDA

- | | |
|-------|---|
| 8:30 | Introduction and Course Overview |
| 8:45 | How NCCLS AST Documents Can Help Guide the Way |
| 9:45 | Break |
| 10:15 | Detecting Resistance in <i>Staphylococcus</i> spp. and <i>Enterococcus</i> spp. Made Easy |
| 11:30 | AST of Enterobacteriaceae, Including ESBL Issues |
| 12:15 | Lunch |
| 1:15 | Detecting Resistance in <i>Pseudomonas aeruginosa</i> and Other Non-Enterobacteriaceae |
| 1:45 | Should We Perform Susceptibility Tests on <i>Streptococcus pneumoniae</i> , <i>Streptococcus</i> spp., and Unusual Bacteria (e.g., <i>Listeria monocytogenes</i>)? |
| 2:30 | Break |
| 2:45 | Meeting "Requirements" for Quality Control and Quality Assessment |
| 3:15 | Q&A and Evaluations |
| 3:30 | Adjourn |

LOCATIONS

Gulfport, MS

September 28, 2004
Holiday Inn Gulfport Beachfront
Hurricane Room
1600 East Beach Blvd
Gulfport, MS 39501

Jackson, MS

September 29, 2004
Mississippi State Department of Health
Osborne Auditorium
570 East Woodrow Wilson
Jackson, MS 39215

Tupelo, MS

October 1, 2004
North MS Medical Center
NMMC Education Center, Room 21
830 South Gloster
Tupelo, MS 38801

There is NO CHARGE for registration, but you must submit a Registration Form to attend. A confirmation letter with directions will be sent upon receipt of your registration.

CONTINUING EDUCATION

The Association of Public Health Laboratories (APHL) is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.[®] Program. Participants who successfully complete this program will be awarded 5 contact hours.

National Laboratory Training Network Registration Form

(Please type or print.)

Training Event Title: Antibacterial Susceptibility Testing: Optimizing Use of NCCLS Standards, Tools for Performing Competently and More! **Please check one:** ____09/28/04 Gulfport, MS (SE5105)

____09/29/04 Jackson, MS (SE5205) ____10/1/04 Tupelo, MS (SE5305) **Event Type:** Workshop

Applicant Information:

(Dr./Mr./Miss./Ms./Mrs.)

Title: _____ First Name: _____ M.I. _____ Last Name: _____

Position Title: _____ State Licensure Number: (If applicable): _____

Employer's Name: _____

Mailing Address: (Please specify, Employer's or your Home address?)

City: _____ State/Country: _____ Zip/Postal Code: _____

Work Phone Number: _____ Work Fax Number: _____

E-mail Address: _____ (E-mail future training event notifications? Please circle, YES or NO.)

Signature of Applicant: _____ **Date:** _____

(Please review all options in the three categories before circling the one most appropriate in each category.)

Occupation

Physician 01
Veterinarian 02
Laboratorian 04
Nursing Professional 05
Sanitarian 06
Administrator 08
Safety Professional 11
Educator 13
Epidemiologist 14
Environmental Scientist 15
Other _____ 12

Education Level (Highest Completed)

Degree
Associate 04
Bachelor 05
Masters 06
Doctoral (M.D.) 07
Doctoral (Other than M.D.) 08
Technical/Hospital School 09
Some College 03
High School Graduate 02
Some High School 01
Other _____ 10

Type of Employer

Health Department (State or Territorial) 01
Health Department (Local, City or County) 03
Government (Other Local, not City or County) 04
Centers for Disease Control and Prevention 05
U.S. Food and Drug Administration 09
U.S. Department of Defense 11
Veterans Administration Medical Center/Hospital 12
Other (Federal Employer) _____ 15
Foreign 16
College or University 19
Private Industry 21
Private Clinical Laboratory 23
Physician's Office Laboratory/Group Practice 24
Hospital (Private Community) 17
Hospital (Other) 33
State Funded Hospital 25
City or County Funded Hospital 26
Health Maintenance Organization 28
Non-profit 31
Unemployed or Retired 32
Other _____ 30

Register Early! These classes will fill quickly!

Registration Fee: NO CHARGE!

Registration Deadline:
September 15, 2004

Submit your completed registration
form to:

NLTN — Nashville Office
P.O. Box 160385
Nashville, TN 37216-0385

Or by Fax to: 615-262-6441

YES! I would like to receive your
electronic NLTN Newsletter!

Name: _____

E-mail: _____

Please print clearly – we frequently have
e-mails returned because we cannot
read the writing.

SPECIAL NEEDS

In compliance with the Americans with
Disabilities Act (ADA), individuals
requiring special accommodations
must notify the NLTN Nashville Office
by phone (615-262-6315) no later
than 2 weeks prior to workshop date.

For additional information contact the
NLTN Nashville Office by phone at:
615-262-6315 or by e-mail at:
seoffice@nltn.org.